



1638  
TRW

Attorney's Docket No.: 07148-025003 / CGL99/0008US04, A015-00539.0006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Richard M. Broglie et al.                      Art Unit : 1638  
Serial No. : 09/643,579                                      Examiner : Russell Kallis  
Filed : August 22, 2000  
Title : METHODS FOR ALTERING FATTY ACID COMPOSITION IN PLANTS  
         USING DELTA-12 FATTY ACID DESATURASE MUTANTS

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL

The following correspondence relating to this application is enclosed for filing:

1. Supplemental Information Disclosure Statement (1 page);
2. Form PTO-1449 (1 page);
3. Copy of Cited Reference (1 reference);
4. Copy of Canadian Office Action (1 page); and
5. A Return Postcard.

Please date stamp and return the enclosed postcard. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: June 30, 2005

Ronald C. Lundquist  
Ronald C. Lundquist, Ph.D.  
Reg. No. 37,875

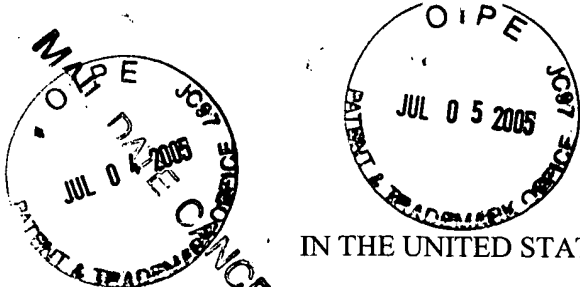
Fish & Richardson P.C., P.A.  
60 South Sixth Street, Suite 3300  
Minneapolis, MN 55402  
(612) 335-5070 telephone  
(612) 288-9696 facsimile

60302874.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

July 1, 2005  
Date of Deposit  
Signature Lisa M. Becker  
Typed or Printed Name of Person Signing Certificate



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Richard M. Broglie et al. Art Unit : 1638  
Serial No. : 09/643,579 Examiner : Russell Kallis  
Filed : August 22, 2000  
Title : METHODS FOR ALTERING FATTY ACID COMPOSITION IN PLANTS USING DELTA-12  
FATTY ACID DESATURASE MUTANTS

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. A copy of a communication from a foreign patent office in a counterpart application is also enclosed.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. I, the undersigned, hereby certify that each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application, the communication being dated May 2, 2005, which is not more than 60 days prior to the filing of this statement. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: June 30, 2005

Ronald C. Lundquist  
Ronald C. Lundquist, Ph.D.  
Reg. No. 37,875

Fish & Richardson P.C., P.A.  
60 South Sixth Street, Suite 3300  
Minneapolis, MN 55402  
Telephone: (612) 335-5070  
Facsimile: (612) 288-9696

60302872.doc

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL**

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

July 1, 2005  
Date of Deposit  
Signature Lisa M. Becker  
Lisa M. Becker  
Typed or Printed Name of Person Signing Certificate

JUL 05 2005

Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
07148-025003Application No.  
09/643,579**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

Applicant  
Richard M. Broglie et al.Filing Date  
August 22, 2000Group Art Unit  
1638**U.S. Patent Documents**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|-----------------|------------------|----------|-------|----------|----------------------------|
|                  | AA        |                 |                  |          |       |          |                            |
|                  | AB        |                 |                  |          |       |          |                            |
|                  | AC        |                 |                  |          |       |          |                            |
|                  | AD        |                 |                  |          |       |          |                            |
|                  | AE        |                 |                  |          |       |          |                            |
|                  | AF        |                 |                  |          |       |          |                            |
|                  | AG        |                 |                  |          |       |          |                            |
|                  | AH        |                 |                  |          |       |          |                            |
|                  | AI        |                 |                  |          |       |          |                            |
|                  | AJ        |                 |                  |          |       |          |                            |
|                  | AK        |                 |                  |          |       |          |                            |

**Foreign Patent Documents or Published Foreign Patent Applications**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
|                  |           |                 |                  |                          |       |          | Yes         | No |
|                  | AL        |                 |                  |                          |       |          |             |    |
|                  | AM        |                 |                  |                          |       |          |             |    |
|                  | AN        |                 |                  |                          |       |          |             |    |
|                  | AO        |                 |                  |                          |       |          |             |    |
|                  | AP        |                 |                  |                          |       |          |             |    |

**Other Documents (include Author, Title, Date, and Place of Publication)**

| Examiner Initial | Desig. ID | Document  |
|------------------|-----------|---|
|                  | AQ        | Avelange-Macherel et al., "Site-directed mutagenesis of histidine residues in the delta 12 acyl-lipid desaturase of Synechocystis," <u>FEBS Lett.</u> , 1995, 361:111-114 |
|                  | AR        |   |
|                  | AS        |   |
|                  | AT        |   |

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.